

GATEWAY ACTUATOR
ABSTRACT OF THE DISCLOSURE

An actuation assembly (100) used with a removable hard disk drive system. The assembly uses various mechanisms interconnected to cooperate in the manner which
5 permits manipulation of various mechanical members of an external drive system (10). The disk drive has a housing (10) with a receptacle (150) which removably receives a cartridge (60). The housing further has a cover (12) formed of a cover material and a front loading access panel (14) disposed over the receptacle. The actuation assembly (100) has at least one hub assembly (110) and a mechanical member (120) comprising an
10 alloy material which contracts to produce a force which actuates pivotal movement of the hub assembly around an axis of rotation.